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Electronic Patent Application Submission
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Application ID: 09681575
Title of Invention: CAUSE AND EFFECT LOGIC
APPLICATION IMPLEMENTATION
First Named Inventor: William Quinn
Domestic/Foreign Application: Domestic Application
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Deposit Account Name: Thomas Michael Fisher



TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 03-GP-8036

CAUSE AND EFFECT LOGIC APPLICATION IMPLEMENTATION

First Named Inventor: William Joseph Quinn

SUBMITTED BY

Name: Thomas Michael Fisher
Registration Number: 47564
Electronic Signature Mark: Thomas Michael Fisher
Date Signed: 20010501

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Attached Files:

declaration	Dec 2.tif
fee-transmittal	03-GP-8036fee.xml
specification	12552-200.xml
ibid-transmittal	03-GP-8036apds.xml

Dec 2.tif

Parameter	Unit	Value
Initial concentration	mol/L	0.1
Final concentration	mol/L	0.05
Initial volume	L	1.0
Final volume	L	2.0
Initial pressure	atm	1.0
Final pressure	atm	0.5
Initial temperature	K	300
Final temperature	K	300
Initial density	g/cm ³	1.0
Final density	g/cm ³	0.5
Initial viscosity	P	0.01
Final viscosity	P	0.005
Initial conductivity	S/m	1.0
Final conductivity	S/m	0.5
Initial permittivity	ε	1.0
Final permittivity	ε	0.5
Initial permeability	μ	1.0
Final permeability	μ	0.5
Initial refractive index	n	1.0
Final refractive index	n	0.5
Initial absorption coefficient	1/m	1.0
Final absorption coefficient	1/m	0.5
Initial scattering coefficient	1/m	1.0
Final scattering coefficient	1/m	0.5
Initial loss tangent	tan δ	1.0
Final loss tangent	tan δ	0.5
Initial quality factor	Q	1.0
Final quality factor	Q	0.5
Initial coupling coefficient	k	1.0
Final coupling coefficient	k	0.5
Initial coupling loss	dB	1.0
Final coupling loss	dB	0.5
Initial coupling efficiency	η	1.0
Final coupling efficiency	η	0.5
Initial coupling bandwidth	Hz	1.0
Final coupling bandwidth	Hz	0.5
Initial coupling center frequency	Hz	1.0
Final coupling center frequency	Hz	0.5
Initial coupling quality factor	Q	1.0
Final coupling quality factor	Q	0.5
Initial coupling loss tangent	tan δ	1.0
Final coupling loss tangent	tan δ	0.5
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Final coupling quality factor	Q	0.5
Initial coupling loss tangent	tan δ	1.0
Final coupling loss tangent	tan δ	0.5
Initial coupling quality factor		

Comments:

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

Attorney Docket No.
03-GP-8036

SOLE OR FIRST INVENTOR:

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FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

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Large Entity

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SUBMITTED BY

Authorized Name: Thomas Michael Fisher

Electronic Signature Mark: Thomas Michael Fisher

Date Signed: 20010501

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 710 |

Subtotal For Basic Filing Fee: \$ 710

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 50 | 103 | \$ 18 | 30 | \$ 540 |
| Independent Claims: 3 | 102 | \$ 80 | 0 | \$ 0 |

Subtotal For Extra Claims Fees: \$ 540